

Preliminary Classification:

Proposed Class:

Subclass:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Takaya Yoshikawa; Nobutuki Hotta; Shinya Murakoshi; Hiroyuki Suzuki

For (title): GLOW PLUG AND METHOD OF MANUFACTURING THE SAME

**1. Type of Application**

This application is for an original (non-provisional).

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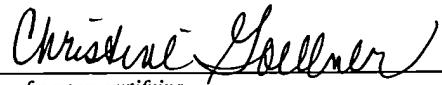
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Date: January 23, 2004

  
Signature of person certifying

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**2. Papers Enclosed**

**A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application**

41 Page(s) of Specification  
4 Page(s) of Claims  
11 Sheet(s) of Drawing(s)--Formal

**B. Other Papers Enclosed**

1 Page(s) of abstract

**3. Additional Papers Enclosed**

Information Disclosure Statement (37 C.F.R. § 1.98)

Form PTO-1449 (PTO/SB/08A and 08B)

Citations (4)

**4. Declaration or Oath**

Not Enclosed. Application is made by a person authorized under 37 C.F.R. § 1.41(c) on behalf of all of the above-named inventors.

**5. Inventorship Statement**

The inventorship for all the claims in this application is the same.

**6. Language**

English

**7. Assignment**

An assignment of the invention to NGK Spark Plug Co., Ltd. *will follow*.

**8. Certified Copy**

Certified copies of applications:

<u>Country</u>	<u>Application Number</u>	<u>Filed</u>
JAPAN	2003-019577	January 28, 2003
JAPAN	2003-373860	November 04, 2003

from which priority is claimed *are attached*.

**9. Fee Calculation (37 C.F.R. § 1.16)**

**Regular Application**

CLAIMS AS FILED										
Basic Fee 37 C.F.R. § 1.16(a) \$770.00										
Number Filed			Number Extra			Rate				
<hr/>										
Total										
Claims (37 C.F.R. § 1.16(c))										
9	-	20	=	0	x	\$	18.00	=	\$	0.00
<hr/>										
Independent										
Claims (37 C.F.R. § 1.16(b))										
2	-	3	=	0	x	\$	86.00	=	\$	0.00
<hr/>										
Multiple Dependent Claim(s), if any (37 C.F.R. § 1.16(d))										
						\$	290.00	\$	0.00	

Filing Fee Calculation

\$770.00

**10. Fee Payment Being Made at This Time**

Enclosed

Filing Fee

\$770.00

**Total Fees Enclosed**

**\$770.00**

**11. Method of Payment of Fees**

Authorization is hereby made to charge the amount of **\$770.00** to credit card as shown on the attached credit card information authorization form PTO-2038. Charge any additional fees required by this paper or credit any overpayment to our Deposit Account No. 50-0537. A duplicate of this paper is attached.

**12. Authorization to Charge Additional Fees**

The Office is hereby authorized to charge, in the manner shown above, the following additional fees that may be required by this paper and during the entire pendency of this application.

37 C.F.R. § 1.16(a), (f) or (g) (filing fees)

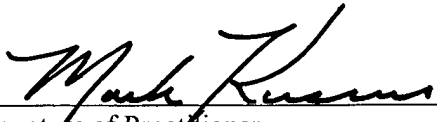
37 C.F.R. § 1.16(b), (c) or (d) (presentation of extra claims)

13. Instructions as to Overpayment

Credit Account No. 50-0537.

Date: January 23, 2004

Reg. No.: 31,115  
Tel. No.: 440-684-1090  
Customer No.: 22203

  
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Signature of Practitioner

Mark Kusner  
KUSNER & JAFFE  
6151 Wilson Mills Road  
Highland Place - Suite 310  
Highland Heights, OH 44143



22203

PATENT TRADEMARK OFFICE